

Abstract

A fluid interface port in a separation device for separating a sample into different components is provided. The separation device includes an array of separation channels and the fluid interface port comprises an opening formed in the side wall of a separation channel
5 sized and dimensioned to form a virtual wall when the separation channel is filled with a separation medium. The fluid interface port is utilized to introduce a liquid sample into the separation medium. The fluid interface ports formed in the array of separation channels are organized into one or more sample injectors. A cathode reservoir is multiplexed with one or
10 more separation channels. To complete an electrical path, an anode reservoir which is common to some or all separation channels is also provided.